

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A prestressed scaffolding system for supporting the an excavated earth retaining wall by forming a polygonal closed section, comprising:
a tendon;

a prestressed wale comprising a plurality of triangular tendon supports, being in contact with the tendon, in a middle portion of said wale, a tendon-anchoring unit at both ends of said wale, and a connecting brace for connecting the tendon to said triangular tendon supports and to said tendon-anchoring unit; and

a strut constituted by a truss or a plurality of H-beams or an H-beam having a large cross section and supporting said tendon-anchoring unit.

2. (Original) The system as defined in claim 1, wherein said triangular tendon support is constituted by a vertical member and inclined member, or only by vertical members, or only by inclined members for forming a triangle and supporting said wale.

3. (Original) The system as defined in claim 1, wherein said triangular tendon support is supported and connected by an intermediate pile and a support beam for the tendon support.

4. (Previously presented) The system as defined in claim 2, wherein said tendon-anchoring unit fixes a tendon and couples with said wale for applying a compression force and further couples with said inclined member or vertical member for supporting a generated force.

5. (Previously presented) The system as defined in claim 4, wherein said tendon-anchoring unit forms an isosceles triangle, a corner of said isosceles triangle is reinforced by a reinforcing member, wherein said tendon is fixed at one corner of

said isosceles triangle and a member facing said corner is directly connected to a truss strut or through a hydraulic jack or a screw jack, and a portion connected with said wale has a length adjusting function.

6. (Previously presented) The system as defined in claim 4, wherein said tendon-anchoring unit forms a trapezoid, the corner of said trapezoid is reinforced by a reinforcing member, said tendon is fixed at both corners, and a middle portion is directly connected to said truss strut or through a hydraulic jack or a screw jack.

7. (Previously presented) The system as defined in claim 4, wherein said tendon-anchoring unit is provided with an inclined or vertical strut, a tendon entered from one side of said tendon-anchoring unit is fastened at an opposite side, a single wale or a double wale is supported by said tendon-anchoring unit, and said tendon-anchoring unit is equipped with a screw jack or a precedent load jack having a length adjusting function.

8. (Currently amended) A prestressed scaffolding system forming a polygonal closed section only by using a prestressed wale comprising a tendon, a plurality of triangular tendon supports, being in contact with the tendon, in the middle portion of said wale, a tendon-anchoring unit at both ends of said wale, and a connecting brace for connecting the tendon to said triangular tendon supports and to said tendon-anchoring unit.

9. (Previously presented) The system as defined in claim 8, wherein said tendon-anchoring unit is a corner anchoring unit and is designed to be connected with said wale and to fix a tendon at both sides of said corner.

Claims 10-11 (Canceled).